

Listing of Claims

This listing of claims shall replace all prior versions and listings of claims in the application.

1-24. (Cancelled).

25. (Not entered) A synthetic peptide consisting of:

(a) the amino acid sequence of SEQ ID NO: 1, wherein said the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue; or

(b) the amino acid sequence of SEQ ID NO: 2, wherein said the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue.

26. (Not entered) A synthetic peptide consisting of at least two, but no more than 6, repeats of the amino acid sequence of SEQ ID NO: 2, wherein the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue each time the sequence PDTRPAP (SEQ ID NO: 3) appears.

27. (New) A synthetic peptide consisting of:

(a) the amino acid sequence of SEQ ID NO: 1, wherein the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue; or

(b) the amino acid sequence of SEQ ID NO: 2, wherein said the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue.

28. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of the PDTRPAP (SEQ. ID NO: 3) is a monosaccharide.

29. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of the PDTRPAP (SEQ. ID NO: 3) is a α -N-acetylgalactosamine (GalNAc).

30. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of the PDTRPAP (SEQ. ID NO: 3) is an oligosaccharide.

31. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of the PDTRPAP (SEQ. ID NO: 3) is the disaccharide Gal β -1,3GalNAc α .

32. (New) A synthetic peptide consisting of:

(a) at least one tandem repeat of the synthetic peptide of subpart (a) of claim 27; or

(b) at least one tandem repeat of the synthetic peptide of subpart (b) of claim 27.

33. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of each PDTRPAP (SEQ. ID NO: 3) is a monosaccharide.

34. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of each PDTRPAP (SEQ. ID NO: 3) is a α -N-acetylgalactosamine (GalNAc).

35. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of each PDTRPAP (SEQ. ID NO: 3) is an oligosaccharide.

36. (New) The synthetic peptide of claim 27, wherein the glycosylation of the threonine of each PDTRPAP (SEQ. ID NO: 3) is the disaccharide Gal β -1,3GalNAc α .

37. (New) A synthetic peptide consisting of:

(a) at least one tandem repeat of the amino acid sequence of SEQ ID NO: 1, wherein at least one occurrence of the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated at the threonine residue; or

(b) the amino acid sequence of SEQ ID NO: 2 wherein at least one occurrence of the sequence PDTRPAP (SEQ ID NO: 3) is glycosylated.